

Docket No.: LGS/K-041

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Hyun Mun KIM

Serial No. 09/065,577

Filed: April 24, 1998

For: METHOD OF REMOVING BLOCKING ARTIFACTS IN A CODING  
SYSTEM OF A MOVING PICTURE



MAR 25 1999

Group 2700

Group Art Unit: 2713

PETITION FOR CORRECTION OF INVENTORSHIP  
UNDER 37 C.F.R. §1.48(a)

Assistant Commissioner for Patents  
Washington, D. C. 20231

Sir:

In accordance with 37 C.F.R. §1.48(a), Applicant hereby petitions the U.S. Patent and Trademark Office to grant a change in inventorship for the above-identified application. It is proposed to amend the inventorship to include Jong Beom RA, Sung Deuk KIM and Young Su LEE as inventors in addition to the original named inventor, Hyun Mun KIM.

Attached to this petition are the following documents:

1. An Amendment of Inventorship in which it is proposed to include Jong Beom RA, Sung Deuk KIM and Young Su LEE as inventors in the above-identified application;

01/22/1999 SSALEKU 00000015 09065577.00 OP

01/22/1999 SSALEKU 00000015 09065577.00 OP

03/22/1999 SSALEKU 00000015 09065577.00 OP  
01 FC:122

Serial No. 09/065,577

Docket No. LGS/K-041

2. A Statement from each inventor being added as an inventor or from each person being deleted as an inventor under 37 C.F.R. §1.48(a)(1);
3. A new Declaration and Power of Attorney executed by all inventors in accordance with 37 C.F.R. §1.63; and
4. The consent of the assignee, LG Semicon Co., Ltd., to the addition of Jong Beom RA, Sung Deuk KIM and Young Su LEE as inventors.

Attached herewith is Check No. 6961 for \$130.00 in payment of the fee set forth in 37 C.F.R. §1.17(i). Please charge any other fees which may be required or credit any overpayment to Deposit Account No. 16-0607.

Respectfully submitted,  
FLESHNER & KIM

Daniel Y.J. Kim  
Registration No. 36,186

P.O. Box 221200  
Chantilly, VA 20153-1200  
703 502-9440 DYK/kam  
Date: March 17, 1999

Docket No.: LGS/K-041

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

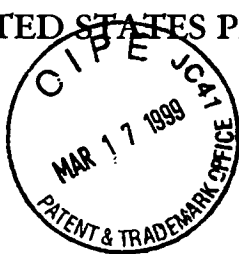
In re Application of

Hyun Mun KIM

Serial No. 09/065,577

Filed: April 24, 1998

For: METHOD OF REMOVING BLOCKING ARTIFACTS IN A CODING  
SYSTEM OF A MOVING PICTURE



RECEIVED

MAR 25 1999

Group Art Unit: 2617 Group 2700

AMENDMENT OF INVENTORSHIP

Assistant Commissioner for Patents  
Washington, D. C. 20231

Sir:

Consistent with the provisions of 37 C.F.R. §1.48(a), Applicant respectfully requests Amendment of the Inventorship of the above-identified application to include Jong Beom RA, Sung Deuk KIM and Young Su LEE as named inventors.

Upon entry of this Amendment, the inventors of the present application are:

1. Hyun Mun KIM;
2. Jong Beom RA;
3. Sung Deuk KIM; and
4. Young Su LEE.

Entry of the foregoing Amendment is respectfully solicited for all the reasons detailed in the attached Petition and Statement.

Respectfully submitted,  
FLESHNER & KIM

Daniel Y.J. Kim  
Registration No. 36,186

P.O. Box 221200  
Chantilly, VA 20153-1200  
703 502-9440 DYK/kam  
Date: March 17, 1999

Docket No.: LGS/K-041

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Hyun Mun KIM

Serial No. 09/065,577

Filed: April 24, 1998

For: METHOD OF REMOVING BLOCKING ARTIFACTS IN A CODING  
SYSTEM OF A MOVING PICTURE



RECEIVED

MAR 25 1999

Group 2700

Group Art Unit: 2713

STATEMENT UNDER 37 C.F.R. §1.48(a)(1)

Assistant Commissioner for Patents  
Washington, D. C. 20231

Sir:

I, Jong Beom RA, hereby declare and state that:

1. I am an inventor of the invention described and claimed in the above-identified application.
2. Through an error and without deceptive intention, I was omitted as a named inventor when the application was filed on April 24, 1998.
3. In view of the foregoing, I respectfully request that the inventorship of the above-identified application be amended to include the undersigned as an inventor.
4. I have reviewed and understand the contents of this Declaration, and all statements made herein of my own knowledge are true and all statements made on

Serial No. 09/065,577

Docket No. LGS/K-041

information and belief are believed to be true; and further, these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under §1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Date: 3/3/99

Signed: Jong Beom RA  
Jong Beom RA

PATENT

In re Application of

Group Art Unit: 2713

For: METHOD OF REMOVING BLOCKING ARTIFACTS IN A CODING  
SYSTEM OF A MOVING PICTURE

STATEMENT UNDER 37 C.F.R. §1.48(a)(1)

Assistant Commissioner for Patents  
Washington, D. C. 20231

Sir:

I, Sung Deuk KIM, hereby declare and state that:

1. I am an inventor of the invention described and claimed in the above-identified application.
2. Through an error and without deceptive intention, I was omitted as a named inventor when the application was filed on April 24, 1998.
3. In view of the foregoing, I respectfully request that the inventorship of the above-identified application be amended to include the undersigned as an inventor.
4. I have reviewed and understand the contents of this Declaration, and all statements made herein of my own knowledge are true and all statements made on

Serial No. 09/065,577

Docket No. LGS/K-041

information and belief are believed to be true; and further, these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under §1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Date: 3/3/99

Signed: Sung Deuk Kim  
Sung Deuk KIM

Docket No.: LGS/K-041

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Hyun Mun KIM

Serial No. 09/065,577

Filed: April 24, 1998

For: METHOD OF REMOVING BLOCKING ARTIFACTS IN A CODING  
SYSTEM OF A MOVING PICTURE



:  
:  
:  
:  
: Group Art Unit: 2713  
:  
:

STATEMENT UNDER 37 C.F.R. §1.48(a)(1)

Assistant Commissioner for Patents  
Washington, D. C. 20231

Sir:

I, Young Su LEE, hereby declare and state that:

1. I am an inventor of the invention described and claimed in the above-identified application.

2. Through an error and without deceptive intention, I was omitted as a named inventor when the application was filed on April 24, 1998.

3. In view of the foregoing, I respectfully request that the inventorship of the above-identified application be amended to include the undersigned as an inventor.

4. I have reviewed and understand the contents of this Declaration, and all statements made herein of my own knowledge are true and all statements made on

Serial No. 09/065,577

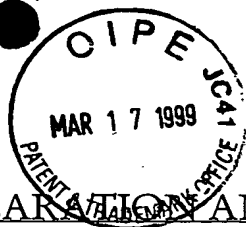
Docket No. LGS/K-041

information and belief are believed to be true; and further, these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under §1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Date: 2/25/99

Signed:   
Young Su LEE

Docket No.: LGS/K-041



## DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter claimed and for which a patent is sought on the invention entitled METHOD OF REMOVING BLOCKING ARTIFACTS IN A CODING SYSTEM OF A MOVING PICTURE, the specification of which

[ ] is attached hereto [X] was filed on April 24, 1998 as Application Serial No. 09/065,577 and was amended on \_\_\_\_\_ (if applicable)

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is known to me to be material to patentability in accordance with Title 37, Code of Federal Regulations, Section 1.56(a).

I hereby claim foreign priority or provisional application benefits under Title 35, United States Code, Section 119 of any foreign application(s) for patent or inventor's certificate, or provisional application(s) listed below and have also identified below any foreign application for patent or inventor's certificate, or provisional application(s) having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s) or U.S. Provisional Application(s):			Priority Claimed	
Number	Country	Day/Month/Year	Yes	No
<u>46368/1997</u>	<u>Korea</u>	<u>9 September 1997</u>	<u>X</u>	

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Prior U. S. Application(s):		Status: Patented, Pending, Abandoned
Serial No.	Filing Date	

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I hereby appoint the following attorney(s) and/or agent(s): Daniel Y.J. Kim, Registration No. 36,186 and Mark L. Fleshner, Registration No. 34,596; Carl R. Wesolowski, Registration No. 40,372, John C. Eisenhart, Registration No. 38,128, and Rene A. Vazquez, Registration No. 38,647, all of

FLESHNER & KIM  
P. O. Box 221200  
Chantilly, Virginia 20153-1200

with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith, and all future correspondence should be addressed to them.

\*\*\*\*\*

Full name of sole or first inventor: Hyun Mun KIM

Inventor's signature: *Hyun Mun Kim*

Date: 2/1/99

Residence: Rockville, Maryland, U.S.A.

Citizenship: Republic of Korea

Post Office Address: 226 Congressional Lane, Rockville, Maryland 20852 U.S.A.

\*\*\*\*\*

Full name of joint inventor(s): Jong Beom RA

Inventor's signature: *Jong Beom RA*

Date: 3/3/99

Residence: Taejeon-si, Korea

Citizenship: Republic of Korea

Post Office Address: Expo APT. 404-506, 464-1, Chonmin-dong, Yusong-ku, Taejeon-si, Korea

\*\*\*\*\*

Full name of joint inventor(s): Sung Deuk KIM

Inventor's signature: *Sung Deuk Kim*

Date: 3/3/99

Residence: Taejeon-si, Korea

Citizenship: Republic of Korea

Post Office Address: 1122, Wolpyang-dong, Seo-ku, Taejeon-si, Korea

Post Office Address: ~~Samjong Heights APT. 103-1506, Jonglim-dong, Seo-ku, Taejeon-si, Korea~~ *Sung Deuk Kim 3/2/99*

\*\*\*\*\*

Full name of joint inventor(s): Young Su LEE

Inventor's signature: *Young Su Lee*

Date: 2/25/99

Residence: Seoul, Korea

Citizenship: Republic of Korea

Post Office Address: 303, 661-2, Yeoksam1-dong, Kangnam-ku, Seoul, Korea

PATENT

In re Application of

Hyun Mun KIM

Serial No. 09/065,577

Filed: April 24, 1998

For: METHOD OF REMOVING BLOCKING ARTIFACTS IN A CODING  
SYSTEM OF A MOVING PICTURE



Group Art Unit: 2713

CONSENT OF ASSIGNEE UNDER 37 C.F.R. 1.48(a)  
TO CORRECTION OF INVENTORSHIP

Assistant Commissioner for Patents  
Washington, D. C. 20231


Sir:

Consistent with the provisions of 37 C.F.R. §1.48(a), the Assignee of the above-identified patent application, LG Semicon Co., Ltd., a corporation of South Korea, hereby consents to the amendment of the inventorship in the above-identified application so as to further include Jong Beom RA, Sung Deuk KIM and Young Su LEE as joint inventors thereof. I am authorized to act on behalf of the Assignee. Attached herewith is a Certificate under 37 C.F.R. §3.73(b).

Respectfully submitted,  
LG Semicon Co., Ltd.

Date \_\_\_\_\_

FLESHNER & KIM  
P.O. Box 221200  
Chantilly, VA 20153-1200  
703 502-9440

  
Sang-Yong LEE  
General Manager

OIP  
 CERTIFICATE UNDER 37 C.F.R. §3.73(b)  
 MAR 17 1999  
 PATENT & TRADEMARK OFFICE

Applicant: Hyun Mun KIMApplication or Patent No.: 097065,577Filed or Issued: April 24, 1998Entitled: METHOD OF REMOVING BLOCKING ARTIFACTS IN A CODING SYSTEM OF A MOVING PICTURELG Semicon Co., Ltd., a corporation of South Korea.

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

certifies that it is the assignee of the entire right, title and interest in the patent application identified above by virtue of either:

A. ☒ An assignment from the inventor(s) of the patent application identified above. The assignment was recorded in the Patent and Trademark Office at Reel 9143, Frame 0974, or for which a copy thereof is attached.

OR

B. ☐ A chain of title from the inventor(s), of the patent application identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
2. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
3. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☐ Copies of assignments or other documents in the chain of title are attached.

The undersigned has reviewed all the documents in the chain of title of the patent application identified above, and to the best of undersigned's knowledge and belief, title is in the assignee identified above.

The undersigned (whose title is supplied below) is empowered to sign this certificate on behalf of the assignee.

I hereby declare that all statements made herein of my knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, or any patent issued thereon.

Mar 6 1999  
 Date

Sang-Yong Lee  
 Signature

Sang-Yong Lee  
 Typed or printed name

General Manager  
 Title